

**(** Tel: 400-999-8863 ■ Emall:Upingbio.163.com



## **ASPP1 Polyclonal Antibody**

Catalog No	YP-Ab-10728
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	IHC;IF;ELISA
Gene Name	PPP1R13B ASPP1 KIAA0771
Protein Name	Apoptosis-stimulating of p53 protein 1 (Protein phosphatase 1 regulatory subunit 13B)
Immunogen	Synthetic peptide from human protein at AA range: 630-680
Specificity	The antibody detects endogenous ASPP1
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC-p 1:50-200, ELISA 1:10000-20000. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Apoptosis-stimulating of p53 protein 1 (Protein phosphatase 1 regulatory subunit 13B)
Observed Band	
Cell Pathway	Cytoplasm . Nucleus . Predominantly cytoplasmic. Some fraction is nuclear.
Tissue Specificity	Reduced expression in breast carcinomas expressing a wild-type TP53 protein.
Function	disease:Defects in PPP1R13B may be a cause of breast cancers. It is overexpressed in many patients suffering from breast carcinomas and expressing a wild-type TP53 protein.,domain:The ankyrin repeats and the SH3 domain are required for specific interactions with TP53.,function:Regulator that plays a central role in regulation of apoptosis via its interaction with p53/TP53. Regulates TP53 by enhancing the DNA binding and transactivation function of TP53 on the promoters of proapoptotic genes in vivo.,miscellaneous:In contrast to its official gene name, it is not a regulatory subunit of protein phosphatase 1. This name was given due to its similarity with a protein that binds to protein phosphatase 1.,similarity:Belongs to the ASPP family.,similarity:Contains 1 SH3 domain.,similarity:Contains 2 ANK repeats.,subcellular location:Predominantly cytoplasmic. Some fraction is nuclear.,subunit:I
Background	This gene encodes a member of the ASPP (apoptosis-stimulating protein of p53) family of p53 interacting proteins. The protein contains four ankyrin repeats and



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an SH3 domain involved in protein-protein interactions. ASPP proteins are required for the induction of apoptosis by p53-family proteins. They promote DNA binding and transactivation of p53-family proteins on the promoters of proapoptotic genes. Expression of this gene is regulated by the E2F transcription factor. [provided by RefSeq, Jul 2008],

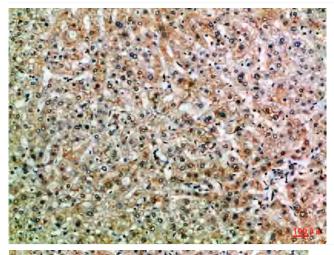
matters needing attention

Avoid repeated freezing and thawing!

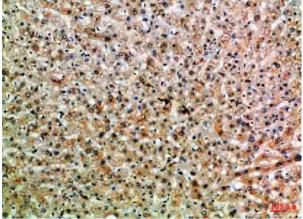
**Usage suggestions** 

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Immunohistochemical analysis of paraffin-embedded Human-liver, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded Human-liver, antibody was diluted at 1:100